



**KOMA PRECISION**  
THE KEY TO PERFORMANCE  
[www.komaprecision.com](http://www.komaprecision.com)

# Alberti

## LIVE TOOL

### Selection Guide

2022



**WE FOCUS ON BEING THE BEST—**  
that's why leading companies choose Koma.

WE ARE THE EXCLUSIVE NORTH AMERICAN  
IMPORTER, NATIONAL DISTRIBUTOR, AND  
SERVICE CENTER FOR ALBERTI LIVE TOOLS.



**Nakamura-Tome**

with  SmartChange



## KOMA PRECISION

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For over forty years Koma Precision has been the foremost source for the finest the world has to offer in machine tool Productivity Innovation.

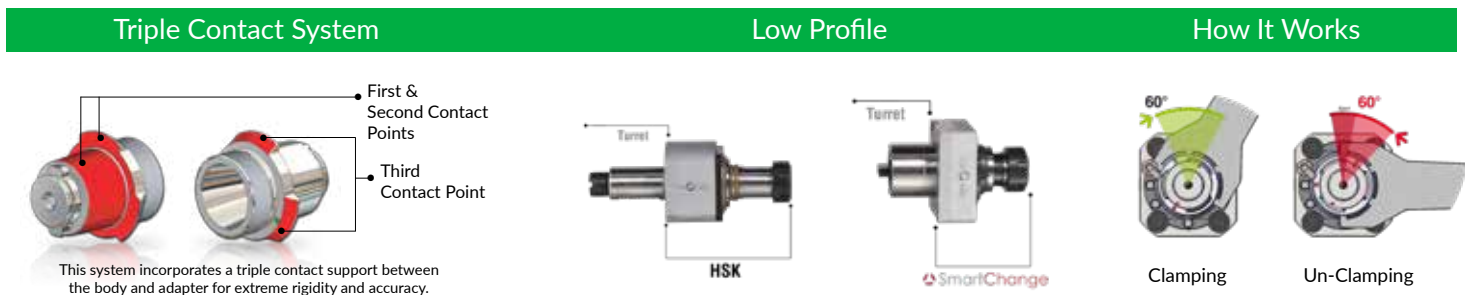
With over 30,000 rotary table installations, Koma is the largest distributor of Tsudakoma NC rotary tables and indexers in the world. With over 12,000 angle heads and live tools installed, Koma is the world's largest supplier for Alberti - the originator and the foremost innovator of productivity tooling.



## SMART CHANGE SYSTEM

New from Alberti, a complete range of live tools with interchangeable adapters for Okuma are now available in stock. The **SmartChange** System units have a standard profile with no additional projection to reduce the chance of interference with the machine's enclosures. Alberti's patent pending design creates three points of contact between the driven tool holder body and tool holder output surfaces so there is no compromise in concentricity and rigidity to gain the speed and convenience of quick-change tooling. With the **SmartChange** System one set of live tools can always stay in the machine with only the adapters needing to be changed. This provides improved efficiency and flexibility, plus a reduction in overall tooling costs.

## QUICK, EASY & PRECISE

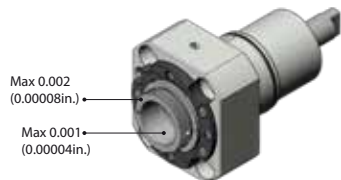


The patent pending Alberti **SmartChange** collet clamp & wrench system quickly and precisely locks the quick change adapter, reducing tool cutter changing time to a minimum.

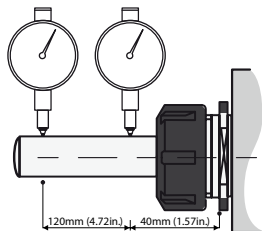
## HIGHEST ACCURACY & REPEATABILITY

Run-Out of the Collet Chuck with Adapter Mounted Repeatability	0.006 $\mu$ m
Adapter Change Time	20 seconds
Repeatability	0.003mm (0.0001 in.)

Run Out with **SmartChange** System



Accuracy with Gauge Bar Inserted in the Collet Chuck



Accuracy with Gauge Bar Inserted in the Collet Chuck	at 40mm = 0.008mm (1.57in. = 0.0003in.)
	at 120mm = 0.01mm (4.72in. = 0.0004in.)





## CROSS DRILL TOOLS

Tool	Tool Type	GH Number	Output	Torque	RPM
A26330-SC	Standard	GH-66586-00	SC2*	-	8,000
A26330C-SC	Coolant Thru	GH-66635-00	SC2*	-	8,000



## FACE DRILL TOOLS

Tool	Tool Type	GH Number	Output	Torque	RPM
A26333-SC	Standard	GH-66587-00	SC2*	25.1	8,000
A26333C-SC	Coolant Thru	GH-66637-00	SC2*	25.1	8,000
A26333-SC H=75	Extended Length	GH-66980-00	SC2*	25.1	8,000

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum • Torque = Nm

\* SC2 Adapter not included. Output must be purchased separately.

\*Each tool comes with a Main Spindle Anti-Rotation Wrench & a Long Handle Wrench for Lock / Unlock Nut. For additional adapters & accessories, see below.



## CROSS DRILL TOOLS

Tool	Tool Type	GH Number	Output	Torque	RPM
KZ-1510-SC2	Standard	GH-41510-13	SC2*	-	6,000
KZ-1510C-SC2	Coolant Thru	GH-41510-14	SC2*	-	6,000



## FACE DRILL TOOLS

Tool	Tool Type	GH Number	Output	Torque	RPM
KZ-1513-SC2	Standard	GH-41513-20	SC2*	25.1	6,000
KZ-1513C-SC2	Coolant Thru	GH-41513-22	SC2*	25.1	6,000

Coolant Pressure = 70 Bar/1050 PSI • RPM = Maximum • Torque = Nm

## ADDITIONAL ADAPTERS



ER COLLETS		
Size		
ER-20	-	SC2-ER20
ER-25	-	SC2-ER25
ER-32	-	SC2-ER32



WELDON OUTPUTS		
Size		
1/4"	-	SC2-.250
3/8"	-	SC2-.375
1/2"	-	SC2-.500
5/8"	-	SC2-.625



SHELL MILL ARBORS		
Size		
3/4"	-	SC2-SM.750

## MEASURING FIXTURES



SMART CHANGE TOOL POT		
Size		
40 Taper	-	GP-56661-00
50 Taper	-	GP-56548-00



HOLDING FIXTURE	
GP-56968-00	

Note: Holding fixture does not include adapter and wrench.

# UNLOCK YOUR POTENTIAL TODAY!

For Over 40 years Koma Precision Inc. has partnered with Tsudakoma and Alberti, to become the North American leader in machine tool accessories. Both Tsudakoma and Alberti machine tool accessories are built to the highest standards and set the bar for excellence, quality, and performance.

Koma Precision has an installation base of over 30,000 Tsudakoma rotary tables and 25,000 Alberti angle heads and live tools, leading the way with knowledge and experience.

## Knowledge and Experience Matter.

Our three facilities totaling 40,000 sq/ft, feature a full machine shop, state-of-the-art inspection and test equipment, and product demonstration showroom. Our Connecticut based headquarters also houses our multi-million-dollar inventory of new products and spare parts.



20 Thompson Road  
East Windsor, CT 06088

Tel: 1.800.249.5662  
Fax: 860.623.4132  
info@komaprecision.com



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